

[All You Web Images Videos Maps News Shopping Gmail More](#)
[Sign in](#)
[My Settings](#)

[Advanced Scholar Search](#)
Scholar Articles and patents

- 2004

include citations

[Create email alert](#)

Results 1 - 10 of about 17 (0.03 sec)

Rapid analysis of CpG methylation patterns using RNase T1 cleavage and MALDI-TOF
[P. Schatz, D. Dreierhagen](#) - [Nucleic acids research](#) 2004 - Oxford Univ Press

... Unmethylated DNA was prepared by MDA (**multiple displacement amplification**), a genome-wide amplification method described by Dean et al. (12). For the preparation of mixtures with defined methylation states, a portion of this amplificate was treated with SssI as described ...

[Cited by 50](#) • [Related articles](#) • [Full Text](#) • [All 13 versions](#)
[HTML from nih.gov](#)
Advanced sequencing technologies, methods and goals
[J. Schirmer, R. D. Mitra, C. Vennart](#) - [Nature Reviews Genetics](#) 2004 - nature.com

... This feature is relevant to all technologies, and we should take note that methods for amplifying large DNA molecules by **MULTIPLE DISPLACEMENT AMPLIFICATION** or **WHOLE-GENOME AMPLIFICATION** are improving rapidly 52, 53 ...

[Cited by 40](#) • [Related articles](#) • [Full Text](#) • [All 31 versions](#)
[PDF from harvard.edu](#)
Application of laser capture microdissection in genetic analysis of neuroblastoma and neuroblastoma precursor cells
[K. De Preter, J. Van deumpel, P. Hiemann](#) - [Cancer letters](#) 2004 - Elsevier

... stream applications, such as loss of heterozygosity analysis (LOH), CGH and CGH array analysis, **methylation**-specific PCR, real ... DNA sample, ie degenerate oligonucleotide-primed PCR [14], adaptor ligation mediated PCR [15] and **multiple displacement amplification** based on ...

[Cited by 42](#) • [Related articles](#) • [Full Text](#) • [All 13 versions](#)
[PDF from upstate.edu](#)
Genomic microarrays in the spotlight
[KK Maniagouda, PG Burdick, T Diaz de Sola](#) - [TRENDS in](#) ... 2004 - Elsevier

[Cited by 143](#) • [Related articles](#) • [All 10 versions](#)
[PDF from nih.gov](#)
Characterizing the physical genome
[JA Pollack](#) - [nature genome](#) 2002 - nature.com

... Genomic DNA may be modified specifically by processes such as **methylation**, and these modifications can further define functional features of the genome. **DNA methylation** in many eukaryotes. **DNA methylation** is important for regulating gene expression ...

[Cited by 62](#) • [Related articles](#) • [Full Text](#) • [All 13 versions](#)
[PDF from stanford.edu](#)
Methylation-sensitive restriction enzyme endonuclease method of whole genome methylation analysis
[K Gunderson](#) - [US Patent App. 20,040,613 A1](#), 2004 - freepatentsonline.com

... isozymes can have different reactivity for a site based on presence or absence of a modification such as **methylation** as set ... amplification methods that can be used in a method of the invention include, but are not limited to, **Multiple Displacement Amplification** (MDA) under ...

[Abstract](#)
Methylation-sensitive restriction enzyme endonuclease method of whole genome methylation analysis
[K Gunderson](#) - [US Patent App. 11,019,652](#), 2004 - Google Patents

... Date: Jun. 22, 2006 (54) **METHYLATION-SENSITIVE RESTRICTION ENZYME ENDONUCLEASE METHOD OF WHOLE GENOME METHYLATION ANALYSIS** (75) Inventor: Kevin Gunderson, Encinitas, CA (US) Correspondence Address: ILLUMINA, INC. ...

Helicase dependent amplification of nucleic acids
[H Kung, M Vincent](#) - [US Patent App. 20,040,686 B3](#), 2003 - freepatentsonline.com

... Recently, RCA has been further developed in a technique, named **Multiple Displacement Amplification** (MDA), which generates a highly uniform ... be subject to modification where individual nucleotides within the nucleic acid are chemically altered (for example, by **methylation**) ...

[Abstract](#)
In vitro DNA immortalization and whole genome amplification using libraries generated from randomly fragmented DNA
[JM Pinter, T Kurahara, I Sliapova](#) - [US Patent App. 10](#) ... 2004 - Google Patents

Page 1, US 2004020299A1 (19) United States (12) Patent Application Publication

(10) Pub. No.: US 2004020299A1 Pinter et al. (43) Pub. Date: Oct. 21, 2004 (54)

IN VITRO DNA IMMORTALIZATION AND WHOLE GENOME ...

[Related articles](#) • [All 2 versions](#)
Method of amplifying whole genomes without subjecting the genome to denaturing conditions
[FB Dean](#) - [US Patents 6,617,187](#), 2003 - Google Patents

... It was discovered that the target nucleic acids, genomic DNA, for example, need not be denatured for efficient **multiple displacement amplification** ... Sano et al. Detection of heavy **methylation** in human repetitive DNA subsets by a monoclonal antibody against 5-methylcytosine. ...

[Cited by 11](#) • [Related articles](#) • [All 3 versions](#)
[Create email alert](#)

 Result Page: 1 2 **Next**